

# COMPARATIVE EVALUATION OF LIPID DEGRADING MOLECULES OF Bacillus subtilis FOR PETROLEUM COMPOUND DEGRADATION

#### A DISSERTATION SUBMITTED BY

### PRASHANT S HULLOLI

Registration Number: MB119121

TO THE UNIVERSITY OF MYSORE
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
MASTER OF SCIENCE IN MICROBIOLOGY

UNDER THE GUIDANCE OF

DR. PADMAJA R J

COFOUNDER AND CEO OF,

BIOPROBE LAB





## UNIVERSITY OF MYSORE

DEPARTMENT OF STUDIES IN MICROBIOLOGY MANASAGANGOTRI, MYSORE-570 006

Prof. S. SATISH

Chairperson

Phone: +982419735

Website: www.umysore.ac.in

## **CERTIFICATE**

This is to certify that the dissertation work entitled "COMPARATIVE EVALUATION OF LIPID DEGRADING MOLECULES OF Bacillus subtilis FOR PETROLEUM COMPOUND DEGRADATION" is submitted to the Department of Studies in Microbiology, University of Mysore, Mysore, in the partial fulfillment for the award of Master of Science in Microbiology is a record of bonafide research work carried out by Mr. Prashant S Hulloli under the guidance of Dr. Padmaja R J, cofounder and CEO of Bioprobe lab, during 1st April to 31st May 2021.

DATE: 29/9/21

(Prof. S. SATISH)
Dr. S. SATISH M.Sc., Ph.D., Post Doc USA)
Professor and Chairman

Department of Studies in Microbio ogy University of Mysore, Manasagani otri Mysuru - 570006, Karnataka, INCIA.

## BIOPROBE LAB PVT. LTD.

www.bioprobelab.in 0821-2543622 prd@bioprobelab.in

#### CERTIFICATE

to certify that the project entitled "COMPARATIVE MOLECULES OF EVALUATION OF LIPID DEGRADING COMPOUND FOR PETROLEUM BACILLUS SUBTILIS DEGRADATION" submitted n partial fulfilment of the requirement for the award of the degree of master of science in microbiology to the university of Mysore, Manasagangotri, Mysore done by Mr. Prashant S Hulloli registration number MB119121 is an authentic work carried out by her at Bioprobe private limited Mysore Karnataka under my guidance and supervision during the period of march 2021- May 2021. The matter embodied in this dissertation has not formed the basis for award of any degree/diploma/associate-ship/fellowship to the best of my knowledge and belief.

Signature of the guide:

Name and designation:

Dr. Padmaja RJ, M.Sc., Ph.D.,

Bogadhi 2nd Stage, Chamaraja Mehalia, MYSORE, KA, India - 570026.

Dr. Padmaja R J

Cofounder and CEO

BIOPROBE LAB PVT. LTD.

Mysuru, Karnataka

Reg. Off: 1st Floor, No. 709, Prashanth Nagar, Bogadhi 2nd Chamaraja Mohalla, Mysore, Karnataka, India-570026

CIN No.: U24304KA2019PTC128504; GSTIN: 29AAICB6773G1Z9